

HANCOCK FIELD ANGB Wastewater Collection System

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J6 HANCOCK FIELD ANGB Wastewater Collection System

J6.1 HANCOCK FIELD ANGB Overview

The 174th Fighter Wing, Hancock Field (ANGB) is located at the Syracuse-Hancock International Airport in Central New York State. It is approximately 5 miles north of the city of Syracuse in Onondaga County. The New York Air National Guard facilities at Hancock Field comprise a total of 356 acres of Fee-Owned land that was acquired from the city of Syracuse, NY in 1947. The 174th Fighter Wing population is currently authorized at 340 full time and increases to 1,178 total personnel on drill duty weekends that occur once per month. The base currently has approximately 52 facilities: 5 administrative, 6 services, and 41 industrial facilities, amounting to approximately 492,000 square feet. The base has no Military Family Housing or Unaccompanied/Transient Housing. A project is scheduled for award in September 2000 to construct a new Air Control Group Facility, Air Operations Squadron Facility, and an Aircraft Support Equipment and Storage Facility (net increase is 25,700SF). The project also includes infrastructure improvements as follows: install additional waterlines; replace fire hydrants; install new duct banks; and place a portion of the overhead electrical distribution system underground. The 174th Fighter Wing is equipped with F-16 aircraft. Other tenants on the base include the Civil Air Patrol and Columbia College.

J6.2 Wastewater Collection System Description

J6.2.1 Wastewater Collection System Fixed Equipment Inventory

The HANCOCK FIELD ANGB Wastewater Collection System consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way. The system may include, but is not limited to, pipelines, manholes, lift stations, valves, controls, treatment plants, and meters. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the Wastewater Collection System privatization are:

1. Oil Water Separators

J6.2.1.1 Description

The sanitary sewer system at Hancock Field is gravity system with force main assist. Base collection system exits the base at two points to make its connection to Onondaga County Department of Drainage and Sanitation wastewater treatment and collection system. The system is comprised of the following: concrete pipe (approximately 7,700); PVC forced main (approximately 2500 LF);

vitrified clay pipe (approximately 400 LF), 18 concrete manholes and 12 brick manholes; and two lift stations. No treatment or odor control occurs on the base. No specific monitoring or flow measurement manholes are present.

Table 1 provides a general listing of the major Wastewater Collection System fixed assets for the Hancock Field (ANGB) Wastewater Collection System included in the sale.

TABLE 1

Fixed Inventory

Wastewater Utility System Hancock Field (ANGB)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PVC Pipe				
Force Main	2	1030	LF	1999
Force Main	3	1475	LF	1993
Vitrified Clay Pipe				
	4	55	LF	1981
	8	300	LF	1995
Concrete Pipe				
	4	315	LF	1950
	4	120	LF	1954
	4	95	LF	1982
	6	2200	LF	1955
	6	160	LF	1958
	6	450	LF	1982
	6	480	LF	1981
	8	1230	LF	1955
	8	1065	LF	1958
	8	1565	LF	1997
Standard Sanitary Sewer Manhole				
Cast in place concrete	6 ft	8	EA	1960
Pre-cast concrete	6 ft	7	EA	1981
Pre-cast concrete	6 ft	3	EA	1993
Brick	10ft	12	EA	1955

Wastewater Lift/Pump Station

Lift Station is in-ground package pre-cast concrete	6 ft dia.	1	EA	1986
	5ft depth			
Lift Station is in-ground package pre-cast concrete	6 ft dia.	1	EA	1993
	5ft depth			

Lift Station Pumps

Submersible Grinder 2500 gpm	3 hp	1	EA	1993
Submersible Grinder 2500 gpm	3 hp	2	EA	1999

Notes:

PVC = Polyvinyl Chloride

LF = Linear Feet

EA = Each

J6.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2

Spare Parts

Wastewater Collection System Hancock Field (ANGB)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3

Specialized Vehicles and Tools

Wastewater Collection System Hancock Field (ANGB)

Description	Quantity	Location	Maker
None	0		

J6.2.3 Wastewater Collection System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Wastewater Collection System Hancock Field (ANGB)

Qty	Item	Description	Remarks
1	Map	Wastewater Utility System Map Elect. Copy	AutoCAD Rel. Version 2000

J6.3 Specific Service Requirements

The service requirements for the Hancock Field (ANGB) Wastewater Collection System are as defined in the Section C Description/Specifications/Work Statement.

J6.4 Current Service Arrangement

Current collection provider is Onondaga County Department of Drainage and Sanitation. Billing is based on water usage. Based on water usage waste water collection for 1999 was approximately 2.4 million gallons of water with an average of 196,000 gallons per month. There was approximately a 25,000 gallon fluctuation per quarterly billing cycle. There are no existing commitments or special service agreements with the current service provider.

J6.5 Secondary Metering

The Base may require secondary meters for internal billings of their reimbursable customers, utility usage management, and energy conservation monitoring. The Contractor shall assume full ownership and responsibility for existing and future secondary meters IAW Clause C.3.

J6.5.1 Existing Secondary Meters

TABLE - 5**EXISTING SECONDARY METERS**

Meter Location	Meter Description
None	

J6.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of

each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.

2. **Outage Report.** The Contractor's monthly outage report (blockage and overflow information) will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
3. **Infiltration and Inflow Report.** If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

J6.7 Infiltration and Inflow (I&I) Projects

IAW Paragraph C.3, Utility Service Requirement, the following projects have been implemented by the Government for managing and monitoring I&I. None

J6.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Hancock Field (ANGB) boundaries.

J6.9 Off-Installation Sites

No off-installation sites are included in the sale of the Hancock Field (ANGB) Wastewater Collection System.

J6.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 5** provides a listing of service connections and disconnections required upon transfer.

TABLE 5
Service Connections and Disconnections
Wastewater Collection System Hancock Field (ANGB)

Location	Description
None	

J6.11 Government Recognized System Deficiencies

Table 6 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Hancock Field (ANGB) Wastewater Collection System. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a

determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be recovered through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 6

System Deficiencies

Wastewater Collection System Hancock Field (ANGB)

Project Location	Project Description
None	